

IN THE US PATENT & TRADEMARK OFFICE

PATENT APPLICATION

5    entitled:   PROCESS AND SYSTEM FOR CONTROLLING AN  
                 ELECTRONIC POWER COMPONENT AND DATA  
                 RECORDING SUPPORT COMPRISING INSTRUCTIONS FOR  
                 EXECUTING THE PROCESS

10

ABSTRACT OF THE DISCLOSURE

15   The process according to the invention for controlling an electronic power  
     component contains a process for piloting the opening and/or closure of this  
     component. The piloting process comprises a plurality of steps for controlling  
     the application of a succession of different commutation voltages on a control  
     electrode of said component between the instant when the piloting process  
20   begins and the instant when the opening and/or closure of the electronic power  
     component is to stop. The process comprises the step consisting in interrupting  
     said piloting process and in immediately triggering off a process for  
     safeguarding the integrity of the electronic power component if the component  
     does not react in a predetermined imparted time.

25